

AMENDMENT TO THE CLAIMS

1. (Currently Amended) ~~A system~~ An Extraction, Transformation and Loading (ETL) designer module stored on a tangible computer-readable medium of a computerized financial system and executable by a processor for configuring an ETL package for loading source data elements from a financial table of a financial data store into a reporter table having a pre-defined format; ~~the ETL designer module comprising:~~

a computer including a processor;

a tangible computer-readable medium; and

an ETL designer module stored on the tangible computer-readable medium, executable by the processor, and designed to configure the ETL package, the ETL designer module comprising:

a destination column class defining destination column objects each identifying a destination column of the reporter table;

an association class defining association objects each identifying an association of at least one source column of the financial table with a destination column identified by a corresponding destination column object; and

a transformation class defining transformation objects each responsible for a transformation of the source data elements of the source column into a reporter format of the associated destination column as identified by a corresponding association object.

2. (Currently Amended) ~~The module system~~ of claim 1, wherein the transformation includes a substitution of at least a portion of the source data elements with a predefined substitution element.

3. (Currently Amended) The system module of claim 1, wherein the transformation includes a parsing of the source data elements.
4. (Currently Amended) The system module of claim 1, wherein the transformation includes a concatenation of the source data elements of two or more source columns.
5. (Currently Amended) The system module of claim 1, wherein the transformation includes a pivot of the source data elements of the source column.
6. (Currently Amended) The system module of claim 1, wherein the transformation and association objects are each siblings of one of the destination column objects.
7. (Currently Amended) The system module of claim 6, wherein the destination column objects are siblings of a destination table object defined by a destination table class.
8. (Currently Amended) The system module of claim 1, including an ETL generator method configured to programmatically communicate with an ETL services module of a server to configure an ETL package based on the destination, association, and transformation objects.
9. (Withdrawn) An Extraction, Transformation and Loading (ETL) designer module stored on a computer-readable medium of a computerized financial system for configuring ETL packages, the module comprising a transformation class defining transformation objects each responsible for a transformation of source data elements of a source column of a financial ledger table into a reporter format of an associated destination column of a reporter table.
10. (Withdrawn) The module of claim 9, wherein the transformation includes a substitution of at least a portion of the source data elements with a predefined substitution element.

11. (Withdrawn) The module of claim 9, wherein the transformation includes a parsing of the source data elements.

12. (Withdrawn) The module of claim 9, wherein the transformation includes a concatenation of the source data elements of two or more source columns.

13. (Withdrawn) The module of claim 9, wherein the transformation includes a pivot of the source data elements of the source column.

14. (Currently Amended) ~~In a computerized financial system, a computer implemented~~ A method of configuring an Extraction, Transformation and Loading (ETL) package for loading source data elements from a financial table of a financial data store into a reporter table having pre-defined format, the method comprising steps of:

providing a computer including a processor;

providing a tangible computer-readable medium;

providing an Extraction, Transformation and Loading (ETL) designer module stored on the tangible computer-readable medium, the ETL designer module comprising;

a destination column class defining destination column objects each identifying a destination column of the reporter table;

an association class defining association objects each identifying an association of at least one source column of the financial table with a destination column identified by a corresponding destination column object; and

a transformation class defining transformation objects each responsible for a transformation of the source data elements of the source column into a reporter format of the associated destination column as identified by a corresponding association object;

executing the ETL designer module using the processor; and
generating instructions for configuring an ETL package, responsive to executing the ETL
designer module, comprising:

- a) —forming one or more association objects, each of which are instantiations
of the association class—each identifying and identify one or more source
columns of the financial table—source columns—that are associated with a
destination column of the reporter table;
- b) —forming a transformation object, which is an instantiation of the
transformation class and defines—defining a transformation of source data
elements of at least one of the source columns from a source format into a
reporter format of the associated destination column identified by the
association object; and
- e) —generating instructions for configuring an ETL package to extract the
source data elements of the source column, transform the source data
elements into the reporter format in accordance with the transformation
object, and load the transformed source data elements into the associated
destination columns of the reporter data table in accordance with the
association objects.

15. (Original) The method of claim 14, wherein the transformation includes substituting at least a portion of the source data elements with a predefined substitution element.

16. (Original) The method of claim 14, wherein the transformation includes parsing the source data elements.

17. (Original) The method of claim 14, wherein the transformation includes concatenating the source data elements of two or more source columns.

18. (Original) The method of claim 14, wherein the transformation includes pivoting the source data elements of the source column.

19. (Currently Amended) The method of claim 14, wherein ~~the forming step a)~~ forming one or more association objects includes receiving a user input defining the association of one or more source columns with a predefined destination column.

20. (Currently Amended) The method of claim 14, wherein ~~the forming step b)~~ forming a transformation object includes receiving a user input selecting the transformation.

21. (Currently Amended) The method of claim 14 including a step of validating that an association object has been completed for each destination column of the reporter table prior to ~~performing the generating step e)~~ generating instructions for configuring an ETL package.